SEQUENCE LISTING

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<120> A METHOD FOR THE CHARACTERISATION OF NUCLEIC ACID MOLECULES INVOLVING GENERATION OF EXTENDIBLE UPSTREAM DNA FRAGMENTS RESULTING FROM THE CLEAVAGE OF NUCLEIC ACID AT AN ABASIC SITE

<130> 1377-0156P

<140> NEW
<141> 2000-10-20

<160> 32

<170> PatentIn version 3.0

<210> 1
<211> 93
<212> DNA
<213> Homo sapiens

<400> 1
tccaaggaga agctggatgt ggcccccaag cgggatgtgg agggcatggg ccccccctgag 60

atcaagtacg gggagtcact gtgcttcgtg cag 93

<210> 2
<211> 93
<212> DNA
<213> Artificial

<220>
<223> DNA generated by PCR amplification and derived from Homo sapiens.

<400> 2
tccaaggaga agctggatgt ggcccccaag cgggaugugg agggcauggg ccccccugag 60

aucaaguacg gggagucacu gugcuucgug cag 93

<210> 3
<211> 93
<212> DNA
<213> Artificial

<220>
<223> DNA generated by PCR amplification and derived from Homo sapiens.

<400> 3
ctgcacgaag cacagtgact ccccguacuu gaucucaggg gggcccaugc ccuccacauc 60

ccgcuuuggg gccacaucca gcuucuccuu gga 93

<210> 4
<211> 25
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homc sapiens and generated by glycosylase mediated cleavage and has a 3' phosphate group

<400> 4
ctgcacgaag cacagtgact ccccg 25

<210> 5
<211> 25
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage and has a 3' hydroxyl group

<400> 5
ctgcacgaag cacagtgact ccccg 25

<210> 6
<211> 93
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by extension of upstream fragmen

<400> 6
ctgcacgaag cacagtgact ccccgtactt gatctcaggg gggcccatgc cctccacatc 60

ccgcttgggg gccacatcca gcttctcctt gga 93

<210> 7
<211> 273
<212> DNA
<213> Homo sapiens

<400> 7
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atcaagtacg gggagtcact gtgcttcgtg cagcatgtgg cctcaggact gtggctcacc 120

tatgccgctc cagaccccaa ggccctgcgg ctcggcgtgc tcaagaagaa ggccatgctg 180

caccaggagg gccacatgga cgacgcactg tcgctgaccc gctgccagca ggaggagtcc 240

caggccgccc gcatgatcca cagcaccaat ggc 273

<210> 8
<211> 273
<212> DNA
<213> Homo sapiens

<400> 8
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atcaagtaca gggagtcact gtgcttcgtg cagcatgtgg cctcaggact gtggctcacc 120

tatgccgctc cagaccccaa ggccctgcgg ctcggcgtgc tcaagaagaa ggccatgctg 180

caccaggagg gccacatgga cgacgcactg tcgctgaccc gctgccagca ggaggagtcc 240

caggccgccc gcatgatcca cagcaccaat ggc 273

<210> 9
<211> 196
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage and upstream fragment extension, and has a 3' hydrogen atom

<220>
<221> modified_base
<222> (196)..(196)
<223> mod_base = Dideoxy T

<400> 9
gccattggtg ctgtggatca tgcgggcggc ctgggactcc tcctgctggc agcgggtcag 60

cgacagtgcg tcgtccatgt ggccctcctg gtgcagcatg gccttcttct tgagcacgcc 120

gagccgcagg gccttggggt ctggagcggc ataggtgagc cacagtcctg aggccacatg 180

ctgcacgaag cacagt 196

<210> 10
<211> 200
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by upstream fragment extension, and has a 3' hydrogen atom

<220>
<221> modified_base
<222> (200)..(200)
<223> mod_base = dideoxy T

<400> 10
gccattggtg ctgtggatca tgcgggcggc ctgggactcc tcctgctggc agcgggtcag 60

cgacagtgcg tcgtccatgt ggccctcctg gtgcagcatg gccttcttct tgagcacgcc 120

gagccgcagg gccttggggt ctggagcggc ataggtgagc cacagtcctg aggccacatg 180

ctgcacgaag cacagtgact 200

<210> 11
<211> 204
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by upstream fragment extension, and has a 3' hydrogen atom

<220>
<221> modified_base
<222> (204)..(204)
<223> mod_base = Dideoxy T

<400> 11
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cgacagtgcg tcgtccatgt ggccctcctg gtgcagcatg gccttcttct tgagcacgcc 120

gagccgcagg gccttggggt ctggagcggc ataggtgagc cacagtcctg aggccacatg 180

ctgcacgaag cacagtgact ccct 204

<210> 12
<211> 206
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by upstream fragment extension, and has a 3' hydrogen atom

<220>
<221> modified_base
<222> (206)..(206)
<223> mod_base = Dideoxy T

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gagccgcagg gccttggggt ctggagcggc ataggtgagc cacagtcctg aggccacatg 180

ctgcacgaag cacagtgact ccccgt 206

<210> 13
<211> 209
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by upstream fragment extension, and has a 3'

hydrogen atom

<220>
<221> modified_base
<222> (209)..(209)
<223> mod_base = Dideoxy T

<400> 13
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ctgcacgaag cacagtgact ccccgtact 209

<210> 14
<211> 204
<212> DNA
<213> Artificial

<220>
<223> DNA derived from Homo sapiens and generated by glycosylase mediated cleavage followed by upstream fragment extension, and has a 3' hydrogen atom

<220>
<221> modified_base
<222> (204)..(204)
<223> mod_base = Dideoxy C

<400> 14
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cgacagtgcg tcgtccatgt ggccctcctg gtgcagcatg gccttcttct tgagcacgcc 120

gagccgcagg gccttggggt ctggagcggc ataggtgagc cacagtcctg aggccacatg 180

ctgcacgaag cacagtgact cccc 204

<210> 15
<211> 54
<212> DNA
<213> Homo sapiens

<400> 15
aacttgtggt agttggagct ggtggcgtag gcaagagtgc cttgacgata cagc 54

<210> 16
<211> 54
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(54)

<223> Generated by PCR amplification of genomic DNA

<400> 16
aacttgtggt agttggagct gguggcguag gcaagagugc cuugacgaua cagc 54

<210> 17
<211> 54
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(54)
<223> Generated by PCR amplification of genomic DNA

<400> 17
gctgtatcgt caaggcactc ttgcctacgc caccagcucc aacuaccaca aguu 54

<210> 18
<211> 54
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(54)
<223> Generated by PCR amplification of genomic DNA

<400> 18
aacttgtggt agttggagct gauggcguag gcaagagugc cuugacgaua cagc 54

<210> 19
<211> 54
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(54)
<223> Generated by PCR amplification of genomic DNA

<400> 19
gctgtatcgt caaggcactc ttgcctacgc caucagcucc aacuaccaca aguu 54

<210> 20
<211> 37
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(37)
<223> generated by glycosylase mediated cleavage of PCR amplified DNA

<400> 20
gctgtatcgt caaggcactc ttgcctacgc caccagc 37

<210> 21
<211> 32
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)..(32)
<223> generated by glycosylase mediated cleavage of PCR amplified DNA

<400> 21
gctgtatcgt caaggcactc ttgcctacgc ca 32

<210> 22
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 22
gctgtaaacg acggccagtt tcatgcaggg ctggagtcgt aggcaagagt gccttgacga 60

tacagc 66

<210> 23
<211> 24
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 23
gctgtaaacg acggccagtt tcat 24

<210> 24
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Nucleic acid derived from Homo sapiens and generated by primer ex
tension

<400> 24
gctgtatcgt caaggcactc ttgcctacgc caccagccct gcatgaaact ggccgtcgtt 60

tacagc 66

<210> 25
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 25
gctgtaaacg acggccagtt tcatgcagga tccatggcgt aggcaagagt gccttgacga 60

tacagc 66

<210> 26
<211> 66
<212> DNA
<213> Artificial

<220>
<223> Nucleic acid derived from Homo sapiens and generated by primer ex
tension

<400> 26
gctgtatcgt caaggcactc ttgcctacgc catggatcct gcatgaaact ggccgtcgtt 60

tacagc 66

<210> 27
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 27
ggtagttgga gctggtggcg 20

<210> 28
<211> 10
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 28
tccaactacc 10

<210> 29
<211> 47
<212> DNA
<213> Artificial

<220>
<223> Nucleic acid derived from Homo sapiens and generated by ligation

of two DNA molecule

<400> 29
gctgtatcgt caaggcactc ttgcctacgc caccagctcc aactacc 47

<210> 30
<211> 10
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 30
ccagctccaa 10

<210> 31
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide derived from Homo sapiens.

<400> 31
ttggagctgg tggcgtaggc 20

<210> 32
<211> 42
<212> DNA
<213> Artificial

<220>
<223> Nucleic acid derived from Homo sapiens and generated by ligation of two DNA molecule

<400> 32
gctgtatcgt caaggcactc ttgcctacgc caccagctcc aa 42